

**PATENT APPLICATION**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Warren B. Jackson; Oliver P. GUENTHER; Tad H.  
HOGG; Bernardo A. HUBERMAN

Application No.: New U.S. Patent Application

Filed: October 11, 2001

Docket No.: 105865

For: LEARNING SYSTEMS AND METHODS FOR MARKET-BASED CONTROL OF  
SMART MATTER

**PRELIMINARY AMENDMENT**

Director of the U.S. Patent and Trademark Office  
Washington, D. C. 20231

Sir:

Prior to initial examination, please amend the above-identified application as follows:

**IN THE SPECIFICATION:**

Please replace paragraph No. 0050, in lines 27-30 of page 14 with the following  
paragraph:

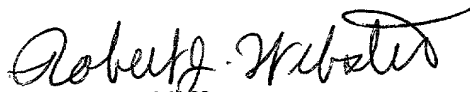
--Following the steps set forth in Fig. 1, the adaptive control apparatus of Fig. 2 and  
the agents 210-240 can be used to iteratively control the air conditioning system 300 of the  
building 1000 shown in Fig. 3 using a market based control approach.--

REMARKS

Fig. 3 clearly shows building 1000 and air conditioning system 300. This amendment merely corrects the obvious error of stating that Fig. 2 shows building 1000 and air conditioning system 300. No new matter is involved because support for the proposed Amendment is clear from an inspection of the drawing.

An Appendix with a marked up specification paragraph is attached per 37 CFR 1.121.

Respectfully submitted,



James A. Oliff  
Registration No. 27,075

Robert J. Webster  
Registration No. 46,472

JAO:RJW/kaf

Attachment:  
Appendix

Date: October 11, 2001

**OLIFF & BERRIDGE, PLC**  
**P.O. Box 19928**  
**Alexandria, Virginia 22320**  
**Telephone: (703) 836-6400**

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**Xerox Reference No.:** D/99635

APPENDIX

A marked-up version of paragraph No. 0050 is as follows:

--Following the steps set forth in Fig. 1, the adaptive control apparatus of Fig. 2 and the agents 210-240 can be used to iteratively control the air conditioning system 300 of the building 1000 shown in Fig. 23 using a market based control approach.--